

ABSTRACT OF THE DISCLOSURE

Systems and methods consistent with the present invention include a printer for printing graphical information on a surface. The printer includes a print head for printing indicia on the surface and an image sensor for recording an image of the surface. The recorded image contains a position-coding pattern that identifies a position on the surface. A processor converts the recorded image into a recorded position, and the print head then prints indicia on the surface based on a comparison of the recorded position with the graphical information to be printed.